



MONA AWAD

Associate Professor

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Date of Birth: 3rd of March
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<https://scholar.google.fr/citations?user=kDRqmzcAAAAJ&hl=en>

https://www.researchgate.net/profile/Mona_Awad/contributions

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EDUCATION

2010 – 2013

Ph.D., Zoology “Entomology”, Faculty of Science, University of South Bohemia, České Budějovice. Czech Republic.

2008

MSc. Master in Agricultural Sciences, Faculty of Agriculture, University of Cairo, Egypt.

2002

Degree (Bachelor) in plant protection, Faculty of Agriculture, University of Cairo, Egypt.

WORK EXPERIENCE

2019- Present:

Associate Professor in Economic Entomology and Pesticides Department, Faculty of Agriculture, University of Cairo, Egypt.

2013 - 2019:

Assistant Professor in Economic Entomology and Pesticides Department, Faculty of Agriculture, University of Cairo, Egypt.

2011–2012:

Researcher, Faculty of Science, University of South Bohemia, České Budějovice, Czech Republic

2009– 2013:

Researcher, Biology Centre AS CR, v.v.i. (Formerly Institute of Entomology), České Budějovice, Czech Republic

2008–2013:

Assistant lecturer in Economic Entomology and Pesticides Department, Faculty of Agriculture, University of Cairo, Egypt.

2003–2008:

Demonstrator in Economic Entomology and Pesticides Department, Faculty of Agriculture, University of Cairo, Egypt.

SKILLS AND EXPERTISE:

- Insects' taxonomy and behavior.
- Insect Rearing
- Insects Identification
- Bioassay
- Biological control
- Pest control
- Enzyme activity
- Molecular Biology
- Basic Bioinformatics
- Data Analysis
- Writing and publishing a peer review article.
- Teaching and monitoring students.

SCIENTIFIC AWARDS:

2016: Cairo University Prize International Publications.

2022: Cairo University Prize International Publications.

GRANT PROJECTS:

2019:

Joint research project “fruit fly control”, with Laboratory of Microbial Genetics and Genomics at the Institute for Microbiology and Biochemistry of Geisenheim University.

Funded by the German Academic Exchange Service (DAAD) under project-ID57478537.

2019:

Detection and prevalence of the inherited endosymbiotic bacteria in the Alien invasive ladybirds beetle *Harmonia axyridis*.

In collaboration with Professor Oldřich Nedvěd from Faculty of Science, University of South Bohemia, České Budějovice, Czech Republic.

2019-2022:

Susceptibility of *Agrotis ipsilon* Hufnagel (Lepidoptera: Noctuidae) to cry 1 Bt toxins and binding to receptors.

Funded by: Basic & Applied research Grant (Call 6), Science and Technology Development Fund (STDF)

2016-2018:

Harmonia axyridis, Thermal plasticity, multiple mating, global invasion success.

Funded by bilateral agreement between Egyptian academy of Science and Czech Academy of Science.

2010 – 2013:

Alien invasive ladybirds beetle *Harmonia axyridis* help in biological control of pests on plants or threat to biodiversity.

Funded by: Grant number QH82047 from the Ministry of Agriculture of the Czech Republic.

STAY ABROAD:

2022 (July):

Research Visit to the Laboratory of Insect-Associated Microorganisms and Microbial Control at the Technical University of Darmstadt, Germany. Within the framework of the joint research, project Providencia Bacteria for Fruit Fly Biocontrol. Funded by: The German Academic Exchange Service (DAAD) under project-ID57626230.

PROFESSIONAL MEMBERSHIPS:

2017-2025:

Membership IUCN Species Survival Commission (SSC)

<https://www.iucn.org/theme/species/about/species-survival-commission>

2016-present:

Membership of Egyptian society of biological control

2004-present:

Membership of Egyptian society of Entomology.

STUDENT ACTIVITY:

2017: Supervisor of FAO model at Faculty of Agriculture, Cairo University.

2019 (September, Two weeks):

Research Visit to the Laboratory of Microbial Genetics and Genomics at the Institute for Microbiology and Biochemistry of Geisenheim University, Germany. Within the framework of the joint research project fruit fly control. Funded by: The German Academic Exchange Service (DAAD) under project-ID57478537.

2019 (July, one week):

Erasmus+ Teaching Mobility, Faculty of Biology, University of Jagiellonian, Poland.

2018 (Six months):

Postdoctoral Researcher, Faculty of Science, University of South Bohemia, České Budějovice. Funded by Egyptian Minister of Higher Education (Mission Sector).

2018 (Five months):

Postdoctoral Researcher, Faculty of Science, University of South Bohemia, České Budějovice. Funded by Czech Ministry of Education, Youth and Sport.

2017 (December, one week):

Erasmus+ Teaching Mobility, Faculty of Biology, University of Jagiellonian, Poland.

2017 (one month):

Postdoctoral Researcher, Faculty of Science, University of South Bohemia, České Budějovice. Funded by bilateral agreement between Egyptian academy of Science and Czech Academy of Science.

2016 (one month): Postdoctoral Researcher, Faculty of Science, University of South Bohemia, České Budějovice. Funded by bilateral agreement between Egyptian academy of Science and Czech Academy of Science.

2014 (Three months):

Postdoctoral Researcher, University of Rennes 1, UMR CNRS 6553 Ecobio. Funded by: The French Embassy in Cairo.

2012 (One month):

Microsatellite analysis in Centre de Biologie pour la Gestion des Populations (CBGP) UMR1062 INRA, Montpellier, France. Funded by Faculty of Science, University of South Bohemia, České Budějovice.